

WIPO

HEOD 05 JAN 2005

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PC) Afficie-35 and-hule-7	(PCT	Article-36 and Rule	-7:0
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-32726A	r agent's file refe	FOR FURT	THER ACTION See Notific Preliminary	eation of Transmittal of International y Examination Report (Form PCT/IPEA/416)
nternational	application No.	International 13.10.2003	filing date <i>(day/month/year)</i> 3	Priority date (day/month/year) 15.10.2002
iternational 61K31/42		ation (IPC) or both national class	ssification and IPC	
pplicant BOARD C	F SUPERVI	SORS OF LOUISIANAS	TATE UNIVERSITY	t to the state of the second of the second s
. This Author	international propriety and is train	reliminary examination reponsmitted to the applicant account	ort has been prepared by this cording to Article 36.	International Preliminary Examining
2. This	REPORT cons	sists of a total of 4 sheets, in	ncluding this cover sheet.	
□	been amende (see Ruie 70.	ad and are the hasis for this	EXES, I.e. sheets of the desc report and/or sheets contain Administrative instructions un	cription, claims and/or drawings which have ing rectifications made before this Authority nder the PCT).
3. This	report contain	s indications relating to the	following items:	
II	☐ Priority			
Ш			regard to novelty, inventive s	step and industrial applicability
IV V	☐ Lack of	f unity of invention	se 2/a)(ii) with regard to nove	ltv. inventive step or industrial applicability;
V Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applications and explanations supporting such statement				
		n documents cited		
VI	Certair	n defects in the international	application	
VII				a complete
		n observations on the interna		र ४ व्यक्षिण १८८० है। इ.स. १८८० है। इ.स. १८८० है।
VII		n observations on the interna		
VII	Certain	n observations on the interna	ational application	
VIII VIIII Date of sul	Certain	n observations on the international	ational application Date of completic	on of this report
VIII VIIII Date of sul	Certain	n observations on the international hority:	Date of completion 04.01.2005	on of this report

IN E)	TERI (AMI	NATIONAL PREL	IMINARY	International application No	PCT/IB 03/04514	
ı.	Basi	s of the report				
1.	. With regard to the elements of the international application (Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)):					
	Desc	cription, Pages				
	1-8		as originally filed	I		
	Clair	ma Numbers	the same of the section of	. प्रदेशक हैंगा को कार है है जो किस है है है है जो कार का लिए हैं है	on appearing the second of the second of	
t · ·			as originally filed			
	1-16		_			
2.	With lang	regard to the langua uage in which the inte	ge, all the elements ma mational application wa	rked above were available or fun as filed, unless otherwise indicate	nished to this Authority in the d under this item.	
•				is Authority in the following langu		
		the language of a trai	nslation furnished for th	e purposes of the international se	earch (under Rule 23.1(b)).	
	П	the language of publi	cation of the internation	al application (under Rule 48.3(b)).	
		the language of a training Rule 55.2 and/or 55.3	nslation furnished for th	e purposes of international prelim	ninary examination (under	
3	. With		stide and/or amino aci	id sequence disclosed in the intellout on the basis of the sequence	rnational application, the elisting:	
		contained in the inter	national application in v	vritten form.		
		filed together with the	e international application	on in computer readable form.	· · · · · · · · · · · · · · · · · · ·	
			itly to this Authority in w			
		furnished subsequer	ntly to this Authority in c	omputer readable form.		
	The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.					
		The statement that t	he information recorded	in computer readable form is ide	entical to the written sequence	
	4. The	_	esulted in the cancellat	ion of:		
		the description,		1.090	***	
	_	the claims,	Nos.:	•		
			sheets:			
	Ц	the drawings,		n v	oon made, since they have	
	5. 🗆	been considered to	go beyona the disclosu	ne of) the amendments had not be re as filed (Rule 70.2(c)).		
		(Any replacement s report.)	heet containing such ar	mendments must be referred to u	nder item 1 and annexed to this	
	6. Ad	ditional observations,	if necessary:			

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.___PCT/IB 03/04514____

			•		t. inventive s	ton and industrial annlicability	
						tep and industrial applicability	
١.	The obv	The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non- obvious), or to be industrially applicable have not been examined in respect of:					
	☐ the entire international application,						
	×	claims Nos. 2-14					
		because:					
the said international application, or the said claims Nos. 2-14 relate to the following subject matter of does not require an international preliminary examination (specify):					elate to the following subject matter which fy):		
		see separate sheet					
the description, claims or drawings (indicate particular elements below) or said claims Nos. are s that no meaningful opinion could be formed (specify):							
		the claims, or said claims Nos. could be formed.	are so	inadequate	ely supported b	y the description that no meaningful opinion	
		no international search report					
A meaningful international preliminary examination cannot be carried out due to the failure of the nucleotide or amino acid sequence listing to comply with the standard provided for in Annex C of the Administrative Instructions:					d out due to the failure of the nucleotide and for in Annex C of the Administrative		
		the written form has not been					
		the computer readable form h	as not	been furnish	ned or does no	t comply with the Standard	
٧	. Re	easoned statement under Artic tations and explanations supp	cle 35(2 porting	2) with rega such state	ard to novelty, ment	inventive step or industrial applicability;	
1	. St	atement					
N		ovelty (N)	Yes: No:	Claims Claims	1-14 15-16		
	in	ventive step (IS)	Yes: No:	Claims Claims	1-14 15 <u>-</u> -16	e engar e e e	
	ln	dustrial applicability (IA)	Yes: No:	Claims Claims	1,15,16 2-14		
2	2. C	itations and explanations					

see separate sheet

INTERNATIONAL PRELIMINARY

International application No. PCT/IB 03/04514

EXAMINATION REPORT - SEPARATE SHEET

SECTION III

Claims 2-14 relate to subject-matter considered by this Authority to be covered by 1). the provisions of Rule 67.1(iv) PCT. Consequently, no opinion will be formulated with respect to the industrial applicability of the subject-matter of these claims (Art. 34(4)(a)(i) PCT).

SECTION V

- For the assessment of the present claims 2-14 on the question whether they are industrially applicable, no unified criteria exist in the PCT Contracting States. The patentability can also be dependent upon the formulation of the claims. The EPO, for example, does not recognize as industrially applicable the subject-matter of claims to the use of a compound in medical treatment, but may allow, however, claims to a known compound for first use in medical treatment and the use of such a compound for the manufacture of a medicament for a new medical treatment.
- The following documents (D1-D3) are referred to in this written opinion; the 3). numbering results from the order of citations found in the Search Report and it will be adhered to in the rest of the procedure. It will be made reference to the cited passage(s) for each citation unless otherwise specified.
- a) The subject-matter of claims 15 and 16 lacks novelty over D1-D3 (Art. 33(2) PCT). Said documents already report pharmaceutical compositions or commercial package containing said epothilone derivatives. It is reminded that an "even" novel use does not restore the novelty of an already known (in therapy) pharmaceutical composition. Additional novelty destroying documents can be found on page 2 of the present application.
 - b) None of D1-D3 reports the use of said epothilone derivatives in the treatment of hyperparathyroidism. The subject-matter of claims 1-14 is novel over D1-D3 (Art. 33(2) PCT).
- None of D1-D3, alone or in any combination, suggest the use of said said 5). epothilone derivatives in the treatment of hyperparathyroidism. The subject-matter of claims 1-14 involves an inventive step over D1-D3 (Art. 33(3) PCT).